What is claimed is:

1   1.   A machine-implemented method, comprising:

2   receiving an identifier as a parameter of a first method of an application programming

3   interface;

4   in response to receiving the identifier as a parameter of the first method, invoking a

5   utility that exports, as one or more transportable tablespaces, one or more

6   database objects that are associated with the identifier in a database;

7   receiving the identifier as a parameter of a second method of the application

8   programming interface; and

9   in response to receiving the identifier as a parameter of the second method, invoking

10   a utility that imports, into the database, database objects that are contained in

11   the one or more transportable tablespaces, and associates, with the identifier,

12   the database objects that are contained in the one or more transportable

13   tablespaces.

1   2.   The method of claim 1, further comprising:

2   receiving a particular password as a parameter of the first method of the application

3   programming interface; and

4   determining whether the particular password matches a password that is associated

5   with the identifier;

6   wherein the invoking of the utility that exports one or more database objects as one or

7   more transportable tablespaces is performed in response to a determination

8   that the particular password matches the password that is associated with the

9   identifier.

1 3. The method of claim 1, further comprising:

2   receiving, as a parameter of the first method of the application programming

3   interface, an indication of a type of exporting of data to be performed; and

4   determining whether the indication indicates that transportable tablespaces are to be

5   used to export data;

6   wherein the invoking of the utility that exports one or more database objects as one or

7   more transportable tablespaces is performed in response to a determination

8   that the indication indicates that transportable tablespaces are to be used to

9   export data.

1 4. The method of claim 1, further comprising:

2   determining whether the one or more database objects that are associated with the

3   identifier in the database contain a reference to a database object that is not

4   associated with the identifier in the database;

5   wherein the invoking of the utility that exports one or more database objects as one or

6   more transportable tablespaces is performed in response to a determination

7   that the one or more database objects that are associated with the identifier in

8   the database do not contain any reference to any database object that is not

9   associated with the identifier in the database.

1 5. The method of claim 1, further comprising:

2   storing, in an export metafile, a location of a transportable tablespace metadata dump

3   file that is generated by the utility that exports, as one or more transportable

4   tablespaces, the one or more database objects that are associated with the

5   identifier in the database.

1   6.   The method of claim 1, further comprising:

2   storing, in an export metafile, a list of one or more transportable tablespace names

3   that were exported by the utility that exports.

1   7.   The method of claim 1, further comprising:

2   storing, in an export metafile, an indication that the one or more database objects that

3   are associated with the identifier in the database were exported using a type of

4   export that exports database objects as transportable tablespaces.

1   8.   The method of claim 1, further comprising:

2   receiving the identifier as a parameter of a third method of the application

3   programming interface;

4   in response to receiving the identifier as a parameter of the third method, reading,

5   from an export metafile that is associated with the identifier, a location of a

6   transportable tablespace metadata dump file, location of associated data files,

7   and names of one or more transportable tablespaces that are associated with

8   the identifier in the database.

1   9.   A machine-readable medium, comprising:

2   instructions for causing one or more processors to receive an identifier as a parameter

3   of a first method of an application programming interface;

4   instructions for causing one or more processors to invoke, in response to receiving the

5   identifier as a parameter of the first method, a utility that exports, as one or

6   more transportable tablespaces, one or more database objects that are

7   associated with the identifier in a database;

8   instructions for causing one or more processors to receive the identifier as a

9   parameter of a second method of the application programming interface; and

10   instructions for causing one or more processors to invoke, in response to receiving the

11   identifier as a parameter of the second method, a utility that imports, into the

12   database, database objects that are contained in the one or more transportable

13   tablespaces, and associates, with the identifier, the database objects that are

14   contained in the one or more transportable tablespaces.

1 10. The machine-readable medium of claim 9, further comprising:

2   instructions for causing one or more processors to receive a particular password as a

3   parameter of the first method of the application programming interface; and

4   instructions for causing one or more processors to determine whether the particular

5   password matches a password that is associated with the identifier;

6   wherein the instructions for causing one or more processors to invoke the utility that

7   exports one or more database objects as one or more transportable tablespaces

8   are performed in response to a determination that the particular password

9   matches the password that is associated with the identifier.

1 11. The machine-readable medium of claim 9, further comprising:

2   instructions for causing one or more processors to receive, as a parameter of the first

3   method of the application programming interface, an indication of a type of

4   exporting of data to be performed; and

5   instructions for causing one or more processors to determine whether the indication

6   indicates that transportable tablespaces are to be used to export data;

7   wherein the instructions for causing one or more processors to invoke the utility that

8   exports one or more database objects as one or more transportable tablespaces

9   are performed in response to a determination that the indication indicates that

10   transportable tablespaces are to be used to export data.

1   12.   The machine-readable medium of claim 9, further comprising:

2   instructions for causing one or more processors to determine whether the one or more

3   database objects that are associated with the identifier in the database contain

4   a reference to a database object that is not associated with the identifier in the

5   database;

6   wherein the instructions for causing one or more processors to invoke the utility that

7   exports one or more database objects as one or more transportable tablespaces

8   are performed in response to a determination that the one or more database

9   objects that are associated with the identifier in the database do not contain

10   any reference to any database object that is not associated with the identifier

11   in the database.

1   13.   The machine-readable medium of claim 9, further comprising:

2   instructions for causing one or more processors to store, in an export metafile, a

3   location of a transportable tablespace metadata dump file that is generated by

4   the utility that exports, as one or more transportable tablespaces, the one or

5   more database objects that are associated with the identifier in the database.

1   14.   The machine-readable medium of claim 9, further comprising:

2   instructions for causing one or more processors to store, in an export metafile, a list of

3   one or more transportable tablespace names that were exported by the utility

4   that exports.

1   15.   The machine-readable medium of claim 9, further comprising:

2   instructions for causing one or more processors to store, in an export metafile, an

3   indication that the one or more database objects that are associated with the

4   identifier in the database were exported using a type of export that exports

5   database objects as transportable tablespaces.

1   16.   The machine-readable medium of claim 9, further comprising:

2   instructions for causing one or more processors to receive the identifier as a

3   parameter of a third method of the application programming interface; and

4   instructions for causing one or more processors to read, in response to receiving the

5   identifier as a parameter of the third method, from an export metafile that is

6   associated with the identifier, a location of a transportable tablespace metadata

7   dump file, location of associated data files, and names of one or more

8   transportable tablespaces that are associated with the identifier in the database.

1   17.   An apparatus, comprising:

2   a mechanism for receiving an identifier as a parameter of a first method of an

3   application programming interface;

4   a mechanism for invoking, in response to receiving the identifier as a parameter of the

5   first method, a utility that exports, as one or more transportable tablespaces,

6   one or more database objects that are associated with the identifier in a

7   database;

8   a mechanism for receiving the identifier as a parameter of a second method of the

9   application programming interface; and

10   a mechanism for invoking, in response to receiving the identifier as a parameter of the

11   second method, a utility that imports, into the database, database objects that

12   are contained in the one or more transportable tablespaces, and associates,

13   with the identifier, the database objects that are contained in the one or more

14   transportable tablespaces.

1   18.   The apparatus of claim 17, further comprising:

2   a mechanism for receiving a particular password as a parameter of the first method of

3   the application programming interface; and

4   a mechanism for determining whether the particular password matches a password

5   that is associated with the identifier;

6   wherein the mechanism for invoking the utility that exports one or more database

7   objects as one or more transportable tablespaces operates in response to a

8   determination that the particular password matches the password that is

9   associated with the identifier.

1   19.   The apparatus of claim 17, further comprising:

2   a mechanism for receiving, as a parameter of the first method of the application

3   programming interface, an indication of a type of exporting of data to be

4   performed; and

5   a mechanism for determining whether the indication indicates that transportable

6   tablespaces are to be used to export data;

7   wherein the mechanism for invoking the utility that exports one or more database

8   objects as one or more transportable tablespaces operates in response to a

9   determination that the indication indicates that transportable tablespaces are to

10   be used to export data.

1   20.   The apparatus of claim 17, further comprising:

2   a mechanism for determining whether the one or more database objects that are

3   associated with the identifier in the database contain a reference to a database

4   object that is not associated with the identifier in the database;

5   wherein the mechanism for invoking the utility that exports one or more database

6   objects as one or more transportable tablespaces operates in response to a

7   determination that the one or more database objects that are associated with

8   the identifier in the database do not contain any reference to any database

9   object that is not associated with the identifier in the database.

1   21.   The apparatus of claim 17, further comprising:

2   a mechanism for storing, in an export metafile, a location of a transportable

3   tablespace metadata dump file that is generated by the utility that exports, as

4   one or more transportable tablespaces, the one or more database objects that

5   are associated with the identifier in the database.

1   22.   The apparatus of claim 17, further comprising:

2   a mechanism for storing, in an export metafile, a list of one or more transportable

3   tablespace names that were exported by the utility that exports.

1 23. The apparatus of claim 17, further comprising:

2   a mechanism for storing, in an export metafile, an indication that the one or more

3   database objects that are associated with the identifier in the database were

4   exported using a type of export that exports database objects as transportable

5   tablespaces.

1 24. The apparatus of claim 17, further comprising:

2   a mechanism for receiving the identifier as a parameter of a third method of the

3   application programming interface;

4   a mechanism for reading, in response to receiving the identifier as a parameter of the

5   third method, from an export metafile that is associated with the identifier, a

6   location of a transportable tablespace metadata dump file, location of

7   associated data files, and names of one or more transportable tablespaces that

8   are associated with the identifier in the database.